Ministry of
Northern Development
and Mines

Ontario

MINES AND MINERALS DIVISION

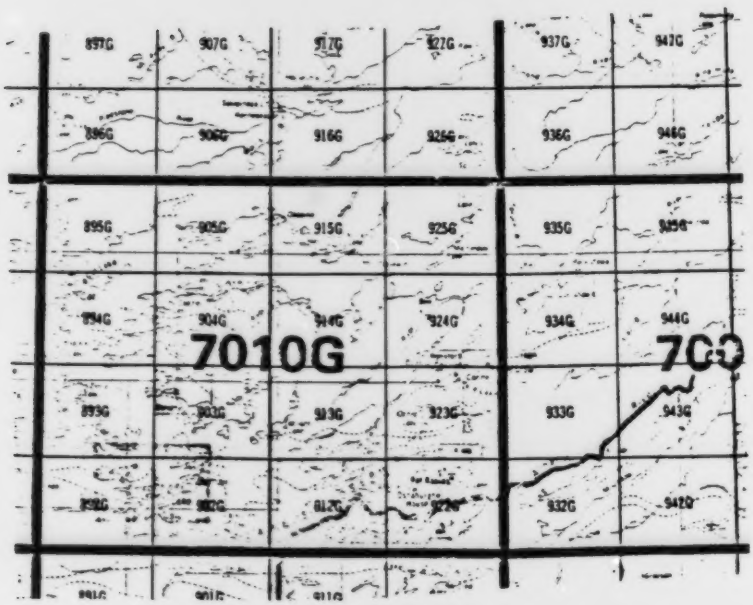
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 371

MEEN LAKE AREA

DISTRICT OF KENORA (PATRICIA PORTION)

Compiled by the staff of
the Resident Geologist's Office
Sioux Lookout



LOCATION MAP **Scale 1:1 013 760 or 1 inch to 16 miles**

89-03497/

Number 520/06NW

Mi. n Map Number G-2122

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey

1988: Meen Lake Area, District of Kenora (Patricia Portion); Ontario Geological Survey, Geological Data Inventory Folio 371, compiled by the staff of the Resident Geologist's Office in Sioux Lookout. Accompanied by 3 maps.

Original Compilation by: Catharine Joan Proctor and Mary O. Roy

Date	Page Revised	Revised by

Date	Page Revised	Revised by

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ABBREVIATIONS LIST

A.F.R.O.	Assessment Files Research Office (Toronto)
Ann. Rept., (A.R.)	Annual Report
A.R.I.P.	Aggregate Resources Inventory Paper
Bull.	Bulletin
C.I.M.M.	Canadian Institute of Mining and Metallurgy
C.J.E.S.	Canadian Journal of Earth Sciences
C.M.J.	Canadian Mining Journal
Econ. Geol.	Economic Geology
E.M.R.	Department of Energy, Mines and Resources
E.P.B.	Earth Physics Branch
G.A.C.	Geological Association of Canada
GC	Geological Circular
GDIF	Geological Data Inventory Folio
Geol.	Geology
Geol. Soc. Amer. Bull	Geological Society of America Bulletin
GR	Geoscience (Geological) Report
GSC	Geological Survey of Canada
I.L.S.G.	Institute on Lake Superior Geology
IMR	Industrial Mineral Report
I.O.C.	Report of the Iron Ore Committee (1923)
Jour. (or J)	Journal
MDC	Mineral Deposit Circular
M.D.I. (R)	Mineral Deposit Inventory (Record)
Mem	Memoir
MNDM	Ministry of Northern Development and Mines
MNR	Ministry of Natural Resources
M.P.	Miscellaneous Paper
MRC	Mineral Resources Circular
N.M.I.	National Mineral Inventory
NOEGTS	Northern Ontario Engineering Geology Terrain Study
NTS	National Topographic System
O.B.M.	Ontario Bureau of Mines
O.D.L.F.	Ontario Department of Lands and Forests
ODM	Ontario Department of Mines
ODMNA	Ontario Department of Mines and Northern Affairs
OFR	Open File Report
O.G.S.	Ontario Geological Survey
P.R.	Preliminary Report
Prelim. (or P)	Preliminary
R.C.	Royal Commission on Mineral Resources of Ontario (1890)
S.M.D.R.	Source Mineral Deposit Record
Sum. Rept.	Summary Report

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE. The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'. if reference data was found. the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank the data source has not yet been searched. If the box is marked N.A.. the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	YES	CJP
2	Assessment Files Research Office. Toronto	N/A	CJP
3	ODM General Index. 9 Volumes	YES	CJP
4	Catalogue of Airborne Geophysical Surveys (ODM)	YES	CJP
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	YES	CJP
6	ODM Industrial Mineral Reports	NO	CJP
7	Bibliography of Post Precambrian Thesis - Karrow (ODM MP 1)	NO	CJP
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	CJP
9	Newspaper Clippings File	NO	CJP
10	GSC Index to Publications	YES	CJP
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	CJP
12	OGS Index Maps	YES	CJP
13	Source Mineral Deposit Records (O G S)	YES	CJP
14	Author - Subject Articles File	NO	CJP
15	Miscellaneous Papers ODM & OGS	YES	CJP
16	ODM Geological Circulars OGS Study Series	NO	CJP
17	ODM Preliminary Reports ODM Bulletins	NO	CJP
18	ODM - OGS Open File Reports	YES	CJP
19	OGS Northern Ontario Engineering Geology Terrain Studies	NO	CJP
20	OGS Aggregate Resources Inventory Papers	NO	CJP
21	OGS Mineral Potential Maps	YES	CJP
22	Drill Core Library Catalogue	NO	CJP
23	Aerial Photographs in the Sioux Lookout Office	NO	CJP
24	Unpublished Theses in the Sioux Lookout Office	NO	CJP

MEEN LAKE AREA

METALS AND MINERALS REFERENCES LIST

△ anh	Anhydrite	△ fu	Fuchsite	△ Ni	Nickel	△ st	Stone
△ ank	Ankerite	△ gn	Galena	△ Nb	Niobium	△ s	Sulphides
△ anna	Annabergite	△ gt	Garnet	△ Pd	Palladium	△ talc	Talc
△ ap	Apatite	△ goe	Goethite	△ peat	Peat	△ Te	Tellurium
△ arg	Argentite	▲ Au	Gold	△ pent	Pentlandite	△ td	Tetrahedrite
△ As	Arsenic	△ gf	Graphite	△ Pt	Platinum	△ th	Thorite
△ asp	Arsenopyrite	△ gl	Gravel	△ py	Pyrite	△ Th	Thorium
△ asb	Asbestos	△ gyp	Gypsum	△ pyl	Pyrochlore	△ thuc	Thucholite
△ ba	Barite	△ hem	Hematite	△ pyrl	Pyrolusite	△ ti	Titanite
△ be	Beryl	△ il	Ilmenite	△ po	Pyrrhotite	△ Ti	Titanium
△ Bi	Bismuth	△ Fe	Iron	△ q	Quartz	△ tour	Tourmaline
△ bn	Bornite	▲ IF	Iron Formation	△ qcv	Quartz carbonate vein	△ trap	Trap rock
△ bran	Brannerite	△ jas	Jasper	△ ra	Radioactive minerals	△ W	Tungsten
△ bruc	Brucite	△ kaol	Kaolinite (kaolin)	△ RE	Rare Earths	△ uran	Uraninite
△ Cd	Cadmium	△ ky	Kyanite	△ sd	Sand	△ U	Uranium
△ calc	Calcite	△ Pb	Lead	△ sgl	Sand and gravel	△ verm	Vermiculite
△ carb	Carbonate	△ lim	Limonite	△ ss	Sandstone	△ Y	Yttrium
△ cel	Celestite	△ Li	Lithium	△ scap	Scapolite	△ Zn	Zinc
△ cc	Chalcocite	△ mgst	Magnesite	△ shee	Scheelite	△ zr	Zircon
△ cp	Chalcopyrite	△ mag	Magnetite	△ serp	Serpentine		
△ ch	Chert	△ mc	Malachite	△ sh	Shale		
△ clay	Clay	△ Mn	Manganese	△ sid	Siderite		
△ Co	Cobalt	△ mb	Marble	△ si	Silica		
△ cob	Cobaltite	△ mar	Marcasite	△ Ag	Silver		
△ cb	Columbite	△ ma	Marl	△ sl	Slate		
△ Cu	Copper	△ mi	Mica	△ sm	Smaltite		
△ cor	Corundum	△ ml	Millerite	△ sod	Sodalite		
△ dol	Dolomite	△ mo	Molybdenite	△ spec	Specularite		
△ ep	Epidote	△ Mo	Molybdenum	△ sp	Sphalerite		
△ ery	Erythrite	△ mon	Monazite	△ spd	Spodumene		
△ fel	Feldspar	△ ne	Nephelite (nepheline)	△ staur	Staurolite		
△ fl	Fluorite (flurospar)	△ nc	Niccolite	△ stib	Stibnite		

▲ Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	(see Exploration Data Map) Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	JORSCO	Au(IF)	01659	MRC 11, p.222 as a reference for the iron formation	AFRO 1962 #63.1157 OGS 1976, OFR 5180, p.251 Office File (520/06NW-0013) Two parallel bands of iron formation.

MEEN LAKE AREA

TYPE OF WORK (see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
Ref. No. on Map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING. STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS. NOTES. CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY	GRAVITY		
1	UNION MINIERE EXPLORATION (520/10SE-0011)	71							71	71										
2	UMEX CORPORATION L. INCO LIMITED (520/09SE-0035)				72-73															
3	COMINCO LIMITED (520/06SW-0015)											79	79					79		
4	COMINCO LIMITED (520/07SW-0014)								78											
5	UMEX CORPORATION L. (520/07SW-0015)								73											
6	COMINCO LIMITED (520/06NW-0010)				81															
7	COMINCO LIMITED (520/06NW-0011-A1)											80								
8	UMEX CORPORATION L. (520/06NW-0011-B1)				72															
9	UMEX CORPORATION L. (520/06NW-0011-C1)				75															

MEEN LAKE AREA

TYPE OF WORK (see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
Ref. No. on Map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING. STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS. NOTES. CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
10	FIRTH, N. C. C. HUSTON & ASSOCS. L. (520/06NW-0012)												70							
11	JORSCO EXPLORATIONS L. (520/06NW-0013)	62										62	62							
12	KERR ADDISON MINES L. (520/06NW-0014)	84	84																	
13	DURATION MINES LIMITED WILSHIRE RESOURCES L. (520/11SW-0025)	84										84	84							
14	GEOCANEX LIMITED (520/06SW-0017)								86	86										
15	GEOCANEX LIMITED (520/06SE-0040)								86	86										
16	ST. JOE CANADA INC. (520/06SE-0042)								86	86										
17	UMEX INC. (520/06NW-0015)				86															

MEEN LAKE AREA

TYPE OF WORK (see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
Ref. No. on Map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
18	POWER EXPLORATIONS INC. (520/06NW-0016)				86															
19	DURATION MINES LIMITED WILSHIRE ENERGY INC. (520/06NW-0017-A1)				86															
20	UMEX INC. (520/06NW-0017-C1)				72	72														
21	UMEX INC. (520/06NW-0018)		85																	
22	DURATION MINES LIMITED WILSHIRE ENERGY INC. (520/06NW-0019)	86	86									86	86							
23	UMEX INC. (520/06NW-0020)							86												
24	UMEX INC. (520/06NW-0021)												86							
25	KERR ADDISON MINES L. (520/06NW-0022)								86	86										
26	POWER EXPLORATIONS INC. (520/06NW-0023)	86	86																	

TYPE OF WORK (see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
Ref. No. on Map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
27	UMEX INC. (520/06NW-0024)											86	86							
28	POWER EXPLORATIONS INC. (520/06NW-0025)											86	86							

DRILLHOLE SUMMARY

Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	UMEX (INCO)	C88	1973	Data not	available		259.0	py,po	--
2		C89	1973	Data not	available		528.0	mag	--
3		C97	1972	210	-45	26.0	216.0	py,po,mag	Multi Element(Au)
4		C99	1973	Data not	available		250.0	mag	--
5		C91	1973	Data not	available		484.0	--	--
6	COMINCO LIMITED	ML-81-7	1981	25	-45	1.0m	99.4m	py,po,gf	--
7		ML-81-8	1981	180	-45	7.6m	99.4m	py,po,gf	--
8		ML-81-9	1981	215	-45	3.1m	90.8m	py,po,gf	--
9		ML-81-10	1981	180	-45	8.9m	113.4m	po,py	--
10		ML-81-11	1981	220	-45	4.9m	102.4m	gt,po,tour,py	--
11	UMEX CORP L	C-100	1972	250	-45	15.0	250.0	mag,py,po	--
12		C-177	1975	180	-45	67.0	193.0	py,po	--
13		Dor-86-1	1986	207	-55	.61m	136.90m	py,po,cp,mo, mt	Au
14		Dor-86-2	1986	207	-55	2.40m	109.40m	mt,py,po,cp	Au
15		Dor-86-3	1986	207	-55	3.66m	124.70m	mt,py,po,cp	Au
16		Dor-86-4	1986	207	-55	11.58m	154.73m	mt,py,cp,po	Au

● —— indicates core stored at Drill Core Library

DRILLHOLE SUMMARY

Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
17	UMEX INC.	Dor-86-5	1986	207	-55	1.52m	100.00m	po,py,cp,mt, tour,fuchsite	Au
18	POWER EXPLORATIONS INC.	ME-86-1	1986	180	-55	7.0	367.0	py,po,mag	Au
19		ME-86-2	1986	180	-50	10.5	317.0	py,gn	Au
20		ME-86-3	1986	180	-55	9.0	276.0	py	Au
21		ME-86-4	1986	180	-50	37.0	242.0	py,po	Au
22		ME-86-5	1986	180	-50	17.0	250.0	py,mag	Au
23		ME-86-6	1986	180	-50	6.0	297.0	py	Au
24		ME-86-7	1986	180	-50	25.0	292.0	py	Au
25		ME-86-8	1986	180	-50	19.0	177.0	py	Au
26		ME-86-9	1986	180	-50	20.0	190.0	py	Au
27		ME-86-10	1986	200	-50	20.0	207.0	py	Au
28		ME-86-11	1986	200	-50	19.0	177.0	py	Au
29		ME-86-12	1986	180	-50	93.0	377.0	py,mag	Au
30		ME-86-13	1986	180	-50	14.0	386.0	mag,py	Au
31		ME-86-14	1986	200	-55	8.0	183.0	py,po	Au
32	DURATION MINES LIMITED	ML-86-01	1986	20	-45	11.5	203.3m	py,mag,po	--
33		ML-86-02	1986	20	-45	11.6	156.7m	py,po,mag,cp	--

● —— indicates core stored at Drill Core Library

MEEN LAKE AREA

AIRBORNE GEOPHYSICAL SURVEY DATA

Number on File Index Map	— by — for — year	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
1	BY: SPARTAN AERO LTD FOR: UNION MINIERE EXPLS	MAGNETOMETER, ELECTROMAGNETIC	150'	NE/NW	½ MILE
2	BY: CANICO FOR: UMEX CORP L	MAGNETOMETER	400'	N/S	½ MILE
3	BY: QUESTOR SURVEYS L FOR: COMINCO L	MAGNETOMETER	400'	E/W	660'
4	BY: QUESTOR SURVEYS L FOR: GEOCANEX L	MAGNETOMETER AND ELECTROMAGNETIC	90m	N/S	100m
5	BY: QUESTOR SURVEYS L FOR: GEOCANEX L	MAGNETOMETER AND ELECTROMAGNETIC	90m	N/S	100m
6	BY: QUESTOR SURVEYS FOR: ST. JOE CANADA INC	MAGNETOMETER AND ELECTROMAGNETIC	90m	N/S	100m
7	BY: QUESTOR SURVEYS FOR: KERR ADDISON MS L	MAGNETOMETER AND ELECTROMAGNETIC	90m	N/S	200m

MEEN LAKE AREA

GEOCHEMICAL SURVEY DATA

(see Exploration Data Map)

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
12	ROCK	Au	KERR ADDISON MINES L	RESIDENT GEOLOGIST'S OFFICE FILE (520/06NW-0014)
21	HUMUS SOIL ROCK	Au - MULTI SPECTRAL	UMEX INCORPORATED	RESIDENT GEOLOGIST'S OFFICE FILE (520/06NW-0018)
22	ROCK	Au	DURATION MINES L	RESIDENT GEOLOGIST'S OFFICE FILE (520/06NW-0019)
26	ROCK SOIL HUMUS	Au	POWER EXPLORATION INC	RESIDENT GEOLOGIST'S OFFICE FILE (520/06NW-0023)

MEEN LAKE AREA

GEOCHRONOLOGY DATA - AGE DATING

Site	Method	Material	Reference	Result
	NO DATA AS OF DECEMBER 1987			

AERIAL PHOTOS; MOSAICS; IMAGERY

The following items are available for inspection at the Resident Geologist's office:

(a) Aerial Photographs:

(b) Photomosaics:

(c) Satellite Imagery:

TOPOGRAPHIC MAPS (selected)

scale	year	name and/or number	by
1:50,000	1976	OBASKAKA LAKE (52-0/6)	SURVEYS & MAPPING BRANCH, DEPT OF ENERGY, MINES AND RESOURCES

MEEN LAKE AREA

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

COMPANY	NEWSPAPER	DATE	PAGE
NO DATA AS OF DECEMBER 1987			

MEEN LAKE AREA

ODM GENERAL INDEX SEARCH

Words searched: DOBIE RIVER, DOROTHY LAKE, MEEN LAKE, MEEN RIVER, JORSCO

Index Volume	Listing:	Report Volume	Part	Page
III	GEOLOGY OF THE CAT RIVER-KAWINOGANS LAKE AREA	XLIV	VI	53-81
8	MEEN LAKE OCCURRENCE	MRC11	--	p.222

MEEN LAKE AREA

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
SAGE, R.P. BREAKS, F.W. TROUP, W.	1972	CAT LAKE-PICKLE LAKE GEOLOGICAL COMPILATION SERIES, KENORA AND THUNDER BAY DISTRICTS	MAP 2218	1"=4 MILES 1:253,440
STOTT, G.M. LAROCQUE, C.	1983	PRECAMBRIAN GEOLOGY OF THE MEEN LAKE AREA, WESTERN PART, KENORA DISTRICT (PATRICIA PORTION), ONTARIO GEOLOGICAL SURVEY, MAP P.2619, GEOLOGICAL SERIES	P.2619	1"=¼ MILE 1:15,840
SAGE, R.P. BREAKS, F.W. TROUP, W.R.	1973	OPERATION PICKLE LAKE, BAMAJI LAKE/LAKE ST. JOSEPH SHEET, DISTRICT OF KENORA (PATRICIA PORTION), ONTARIO DIVISION OF MINES, PRELIMINARY MAP P.808, GEOLOGICAL SERIES	P. 808	1"=2 MILES
SPRINGER, JANET S.	1978	ONTARIO MINERAL POTENTIAL, LAKE ST. JOSEPH, DISTRICT OF THUNDER BAY AND KENORA (PATRICIA PORTION), ONTARIO GEOLOGICAL SURVEY PRELIMINARY MAP P.1542, MINERAL DEPOSIT SERIES	P.1542	1:250,000
STOTT, G.M. LAROCQUE, C.	1983	PRECAMBRIAN GEOLOGY OF THE MEEN LAKE AREA, EASTERN PART, KENORA DISTRICT (PATRICIA PORTION), ONTARIO GEOLOGICAL SURVEY MAP P.2620	P.2620	1:15,840 1"=¼ MILE
STOTT, G.M.	1982	MEEN LAKE AREA, DISTRICT OF KENORA (PATRICIA PORTION): p.10-14 IN SUMMARY OF FIELD WORK 1982 BY OGS EDITED BY JOHN WOOD, OWEN L. WHITE, R.B. BARLOW AND A.C. COLVINE, OGS MISCELLANEOUS PAPER 106, 235p.	MP 106	--
STOTT, G.M.	1984	REGIONAL STRATIGRAPHY AND STRUCTURE OF THE CENTRAL UCHI SUBPROVINCE: MEEN LAKE-KASAGIMINIS LAKE AND PASHKOKOGAN LAKE SECTIONS: p.7-13 IN SUMMARY OF FIELD WORK, 1984, ONTARIO GEOLOGICAL SURVEY, EDITED BY JOHN WOOD, (CONTINUED)	MP 119	--

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Author	Date	Title	Reference	Map Scales and or Report Pages
STOTT, G.M. (CONTINUED)	1984	OWEN L. WHITE, R.B. BARLOW, AND A.C. COLVINE, ONTARIO GEOLOGICAL SURVEY MISCELLANEOUS PAPER 119, 309p.		
SPEED, A.A.	1980	MEEN LAKE AREA, DISTRICT OF KENORA (PATRICIA PORTION), ONTARIO GEOLOGICAL SURVEY PRELIMINARY MAP P.2106, SIOUX LOOKOUT DATA SERIES	P.2106	1"=½ MILE 1:15,840
SAGE, R.P. BREAKS, F.W.	1982	GEOLOGY OF THE CAT LAKE-PICKLE LAKE AREA, DISTRICT OF KENORA AND THUNDER BAY, ONTARIO GEOLOGICAL SURVEY, REPORT 207, 238p. ACCOMPANIED BY MAP 2218 AND CHARTS A, B AND C	GR 207	--
WALLACE, HENRY	1985	GEOLOGY OF THE SLATE FALLS AREA, DISTRICT OF KENORA (PATRICIA PORTION): ONTARIO GEOLOGICAL SURVEY REPORT 232, 85p. ACCOMPANIED BY MAPS 2481 and 2482	GR 232 MAPS 2481 and 2482	1:31,680
SAGE, R.P. BREAKS, F.W.	1976	OPERATION PICKLE LAKE, DISTRICTS OF KENORA (PATRICIA PORTION) AND THUNDER BAY, ONTARIO DIVISION OF MINES, OPEN FILE REPORT 5180, 531p., 2 APPENDICES AND 7 CHARTS	OFR 5180	--
ROBERTSON, JAMES, A. VOS, M.A. SPRINGER, JANET	1976	MINERAL POTENTIAL MAP OF ONTARIO 1976: WEST CENTRAL SHEET, ONTARIO DIVISION OF MINES, PRELIMINARY MAP P.1098, MINERAL DEPOSITS SERIES	P.1098	1"=16 MILES 1:1,013,760
G.S.C.	1963	GEOCHEMISTRY, COPPER IN BEDROCK, LAKE ST. JOSEPH, KENORA AND THUNDER BAY DISTRICTS MAP 50-1963	MAP 50-1963	1"=4 MILES 1:253,440
G.S.C.	1960	GEOLOGY OF THE LAKE ST. JOSEPH AREA, KENORA AND THUNDER BAY DISTRICTS	MAP 51-1960	1"=4 MILES 1:253,440

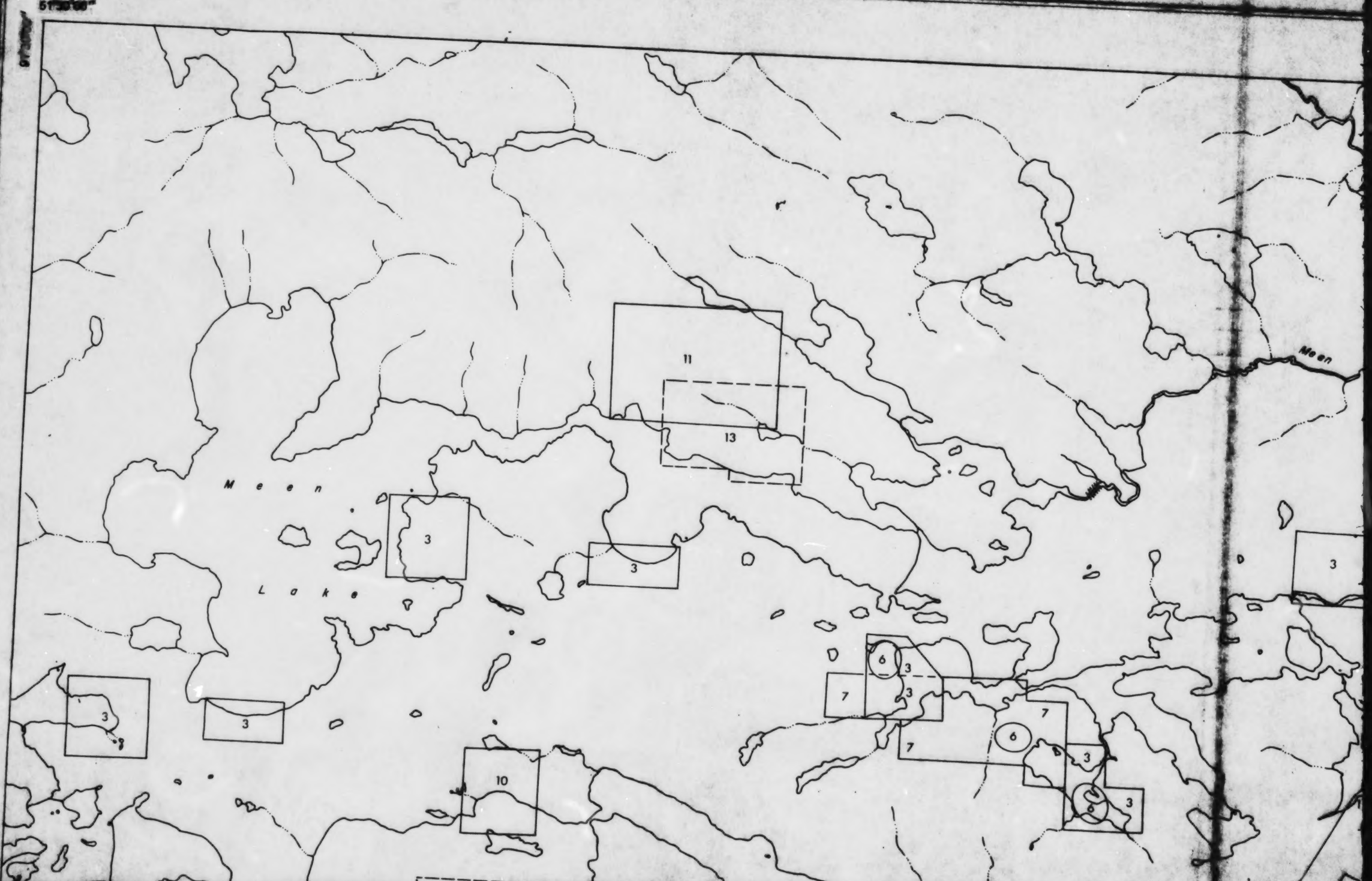
MEEN LAKE AREA

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
SHKLANKA, R.	1968	IRON DEPOSITS OF ONTARIO, ONTARIO DEPARTMENT OF MINES, MINERAL RESOURCES CIRCULAR NO. 11, 479p.	MRC 11	p.222
O.G.S.	1986	AIRBORNE ELECTROMAGNETIC AND TOTAL INTENSITY MAGNETIC SURVEY, PICKLE LAKE AREA, DISTRICT OF KENORA (PATRICIA PORTION) ONTARIO BY GEOTERREX LIMITED, FOR ONTARIO GEOLOGICAL SURVEY, GEOPHYSICAL/GEOCHEMICAL SERIES	MAPS 80897 80896 80895 80894	1:20,000
DUFFELL, A.S. MACLAREN, R.H. HOLMAN, C.	1963	RED LAKE - LANDSDOWNE HOUSE AREA, NORTHWESTERN ONTARIO, BEDROCK GEOLOGY, GEOPHYSICAL AND GEOCHEMICAL INVESTIGATIONS, PARTS OF (42,43,52,53) G.S.C. PAPER 63-5	GSC PAPER 63-5 MAPS 2-1963 and 3-1963	 1"=8 MILES 1:506,808
O.D.M.-G.S.C.	1960	OBASKA LAKE 52/0/6	GEOPHYSICS PAPER 903	1"=1 MILE 1:63,360
STOTT, G.M. WALLACE, HENRY	1984	REGIONAL STRATIGRAPHY AND STRUCTURE OF THE CENTRAL UCHI SUBPROVINCE: MEEN LAKE-KASAGI-MINNES LAKE AND PASHKOKOGAN LAKE SECTIONS IN SUMMARY OF FIELD WORK 1984, O.G.S., MISCELLANEOUS PAPER 119, 309p.	MP 119	p.7-13
STOTT, G.M.	1982	MEEN LAKE AREA, DISTRICT OF KENORA (PATRICIA PORTION) IN SUMMARY OF FIELD WORK 1982 by O.G.S., MISCELLANEOUS PAPER 106, 235p.	MP 106	p.10-14

NOTES AND ADDENDA

NO DATA AS OF DECEMBER, 1987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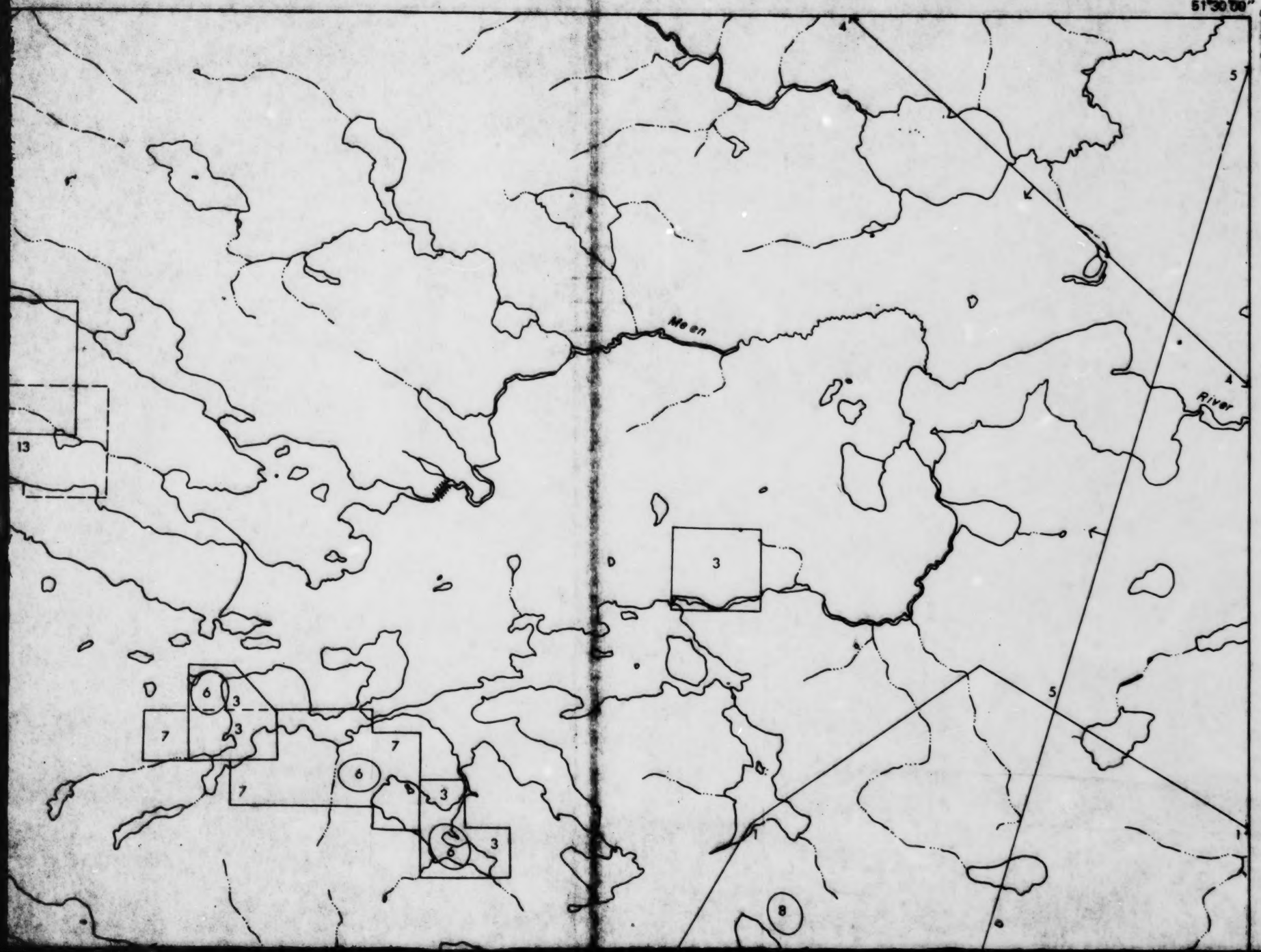

Ministry of Northern Development and Mines

Ontario

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ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 371

(Map 1 of 3)

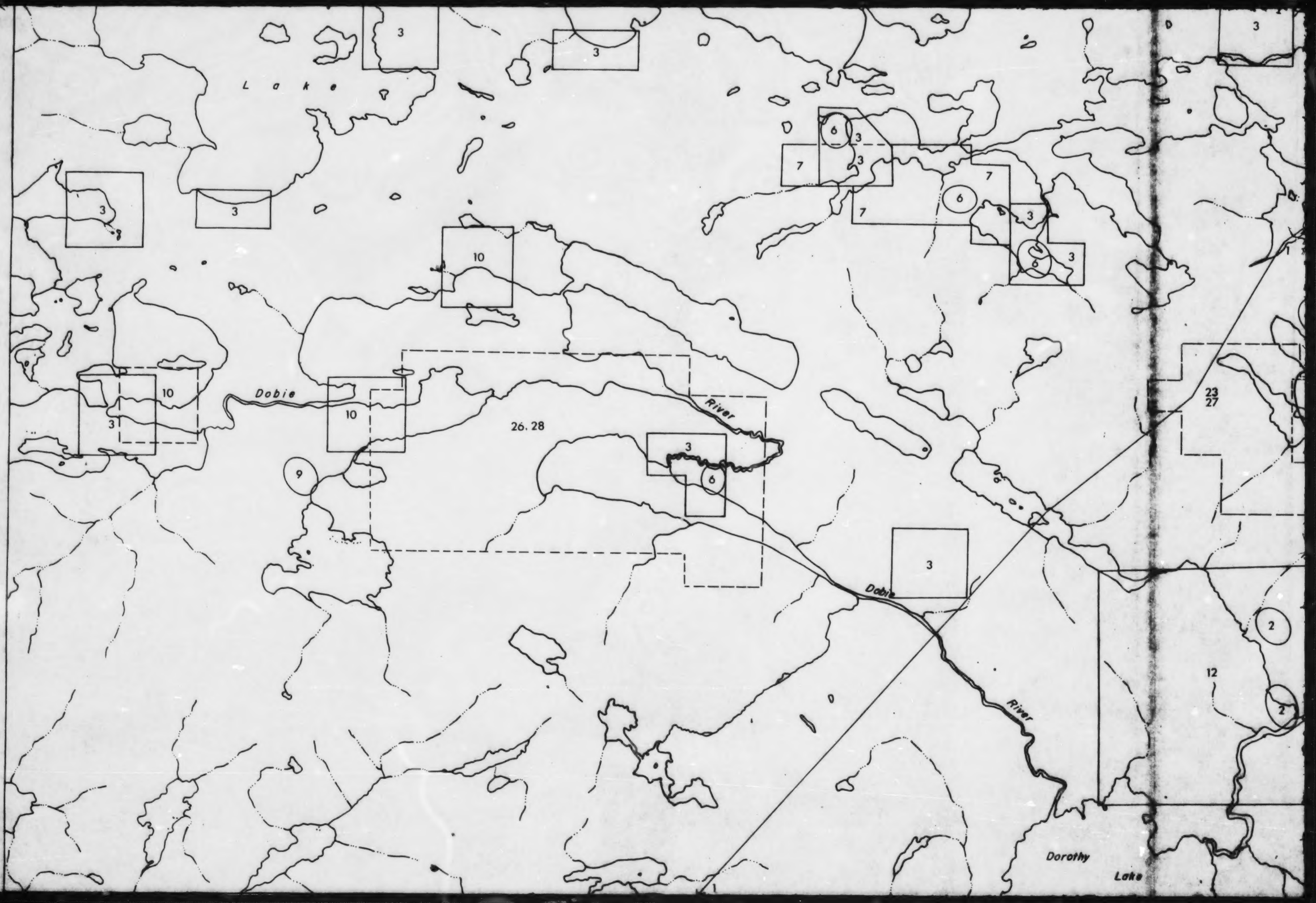
MEEN LAKE AREA

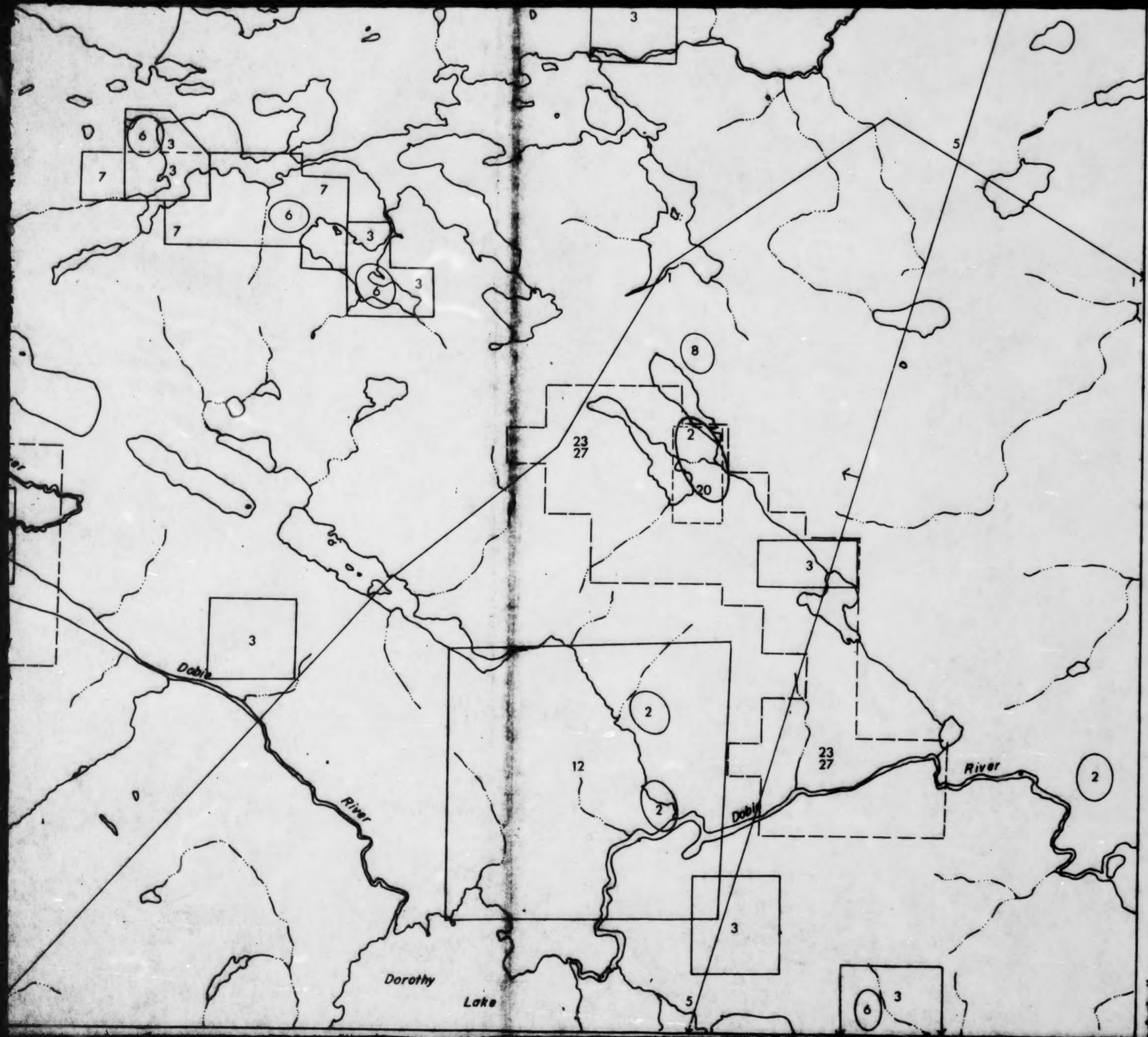
DISTRICT OF KENORA
(PATRICIA PORTION)

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile


L o k e
Dobie
River
26. 28
Dobie
River
Dorothy
Lake
3
10
7
6
9
2
12
23
27



EXPLORATION DATA FILE AREAS

- Reference number is always inside work area outlined. See listing in text pages.
- Small area of exploration
- File covers whole township or area
- Oval delineates area of drilling.

51°30'00"

91°30'00"

16

14
15

19

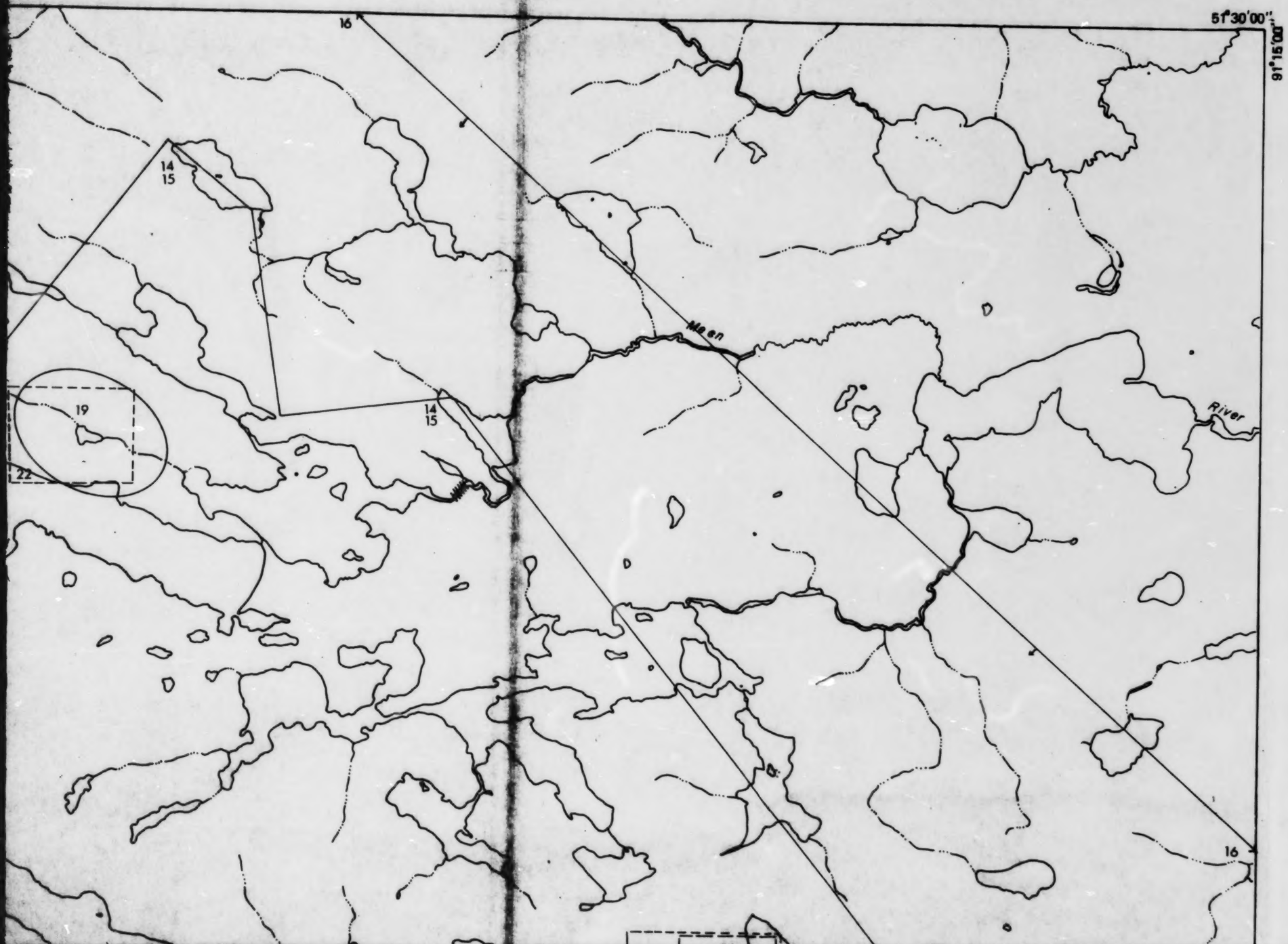
22

14
15

M e e n

L a k e

16



Ministry of Northern Development and Mines

Ontario

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ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 371

(Map 2 of 3)

MEEN LAKE AREA

District of Kenora
(Patricia Portion)

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

16

L a k e

Dobie

River

18

18

18

18

14 15

Dobie

River

Dorothy

25

21

EXPLORATION DATA FILE AREAS

- ■ ① ⑥ — Reference number is always inside work area outlined. See listing in text pages.
- □ x ④ — Small area of exploration
- □ ★ — File covers whole township or area
- ■ ② — Oval delineates area of drilling.

River
18
25
21
24
17
16
Dobie
River
Dorothy
Lake
14.15

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

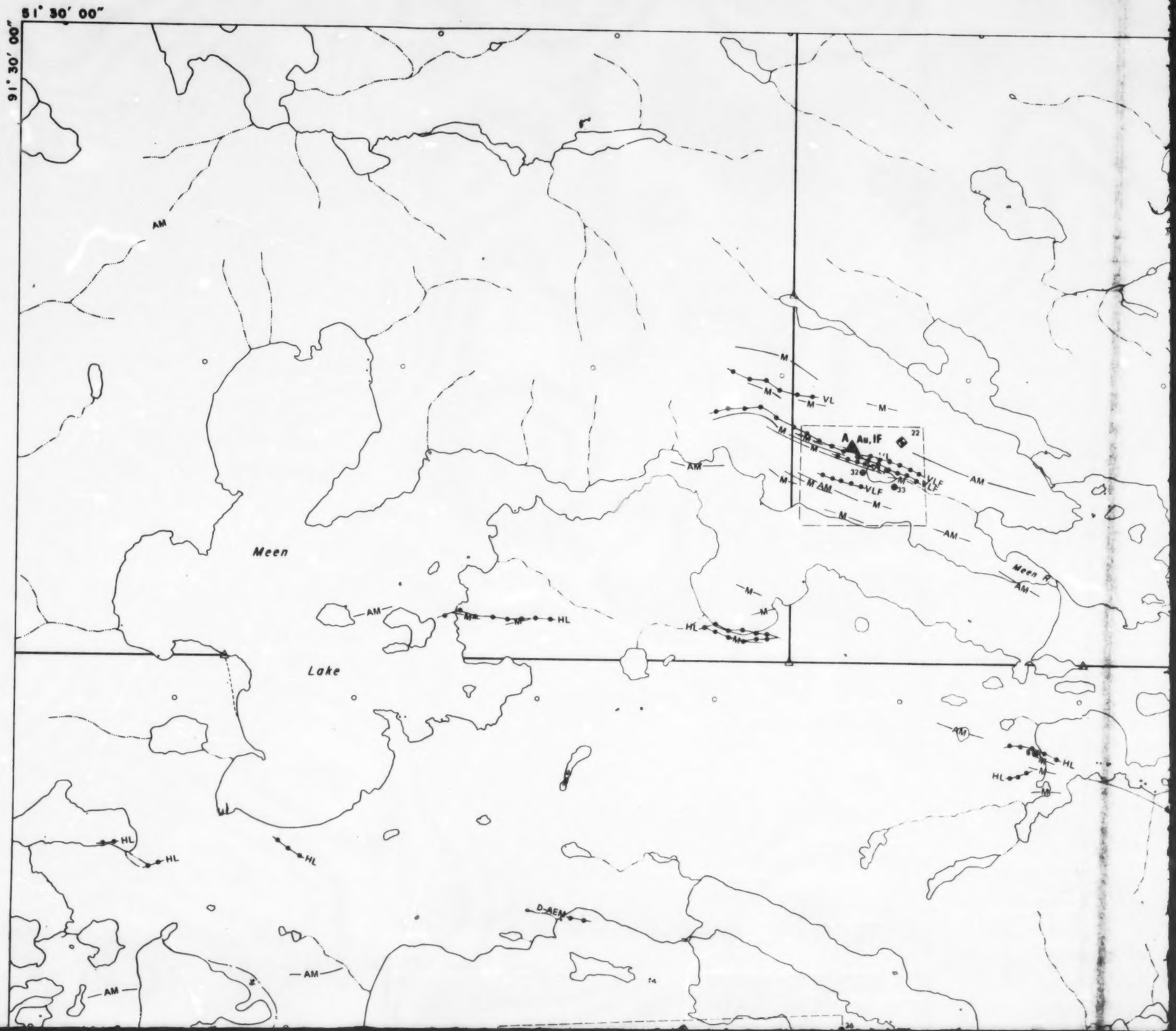
- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- AM — Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- AEM — Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- ARA — Airborne radiometric anomaly
- M — Ground magnetic anomaly
- VL — Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal loop
  VLF - Very low freq.; Turam; JEM -
  Crone Em - 16)
- RA — Ground radiometric anomaly
- IP — Induced polarization anomaly
- SP — Self potential anomaly
- AFMAG — Audio-frequency magnetic anomaly
  (total intensity)
- R — Resistivity anomaly
- GR — Gravity anomaly
- D-AEM — Dip-angle airborne electromagnetic survey.

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit



Meen River

Meen

Lake

Meen R

Au, IF

22

32

33

21

D-AEM

M

VL

VLF

AM

HL

Ministry of Northern Development and Mines

Ontario

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 371

(Map 3 of 3)

MEEN LAKE AREA

DISTRICT OF KENORA
(PATRICIA PORTION)

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter
- A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- ●² — Location of single drillhole, with reference number
- ◉² — Location of closely spaced group of drillholes, with reference number
- (?)² — Drillhole, exact location uncertain, with reference number

☐ AFMAG — Audio-frequency magnetic anomaly (total intensity)

☐ R — Resistivity anomaly

☐ GR — Gravity anomaly

■ D-AEM — Dip-angle airborne electromagnetic survey.

MISCELLANEOUS DATA

☐ Trenching, pit

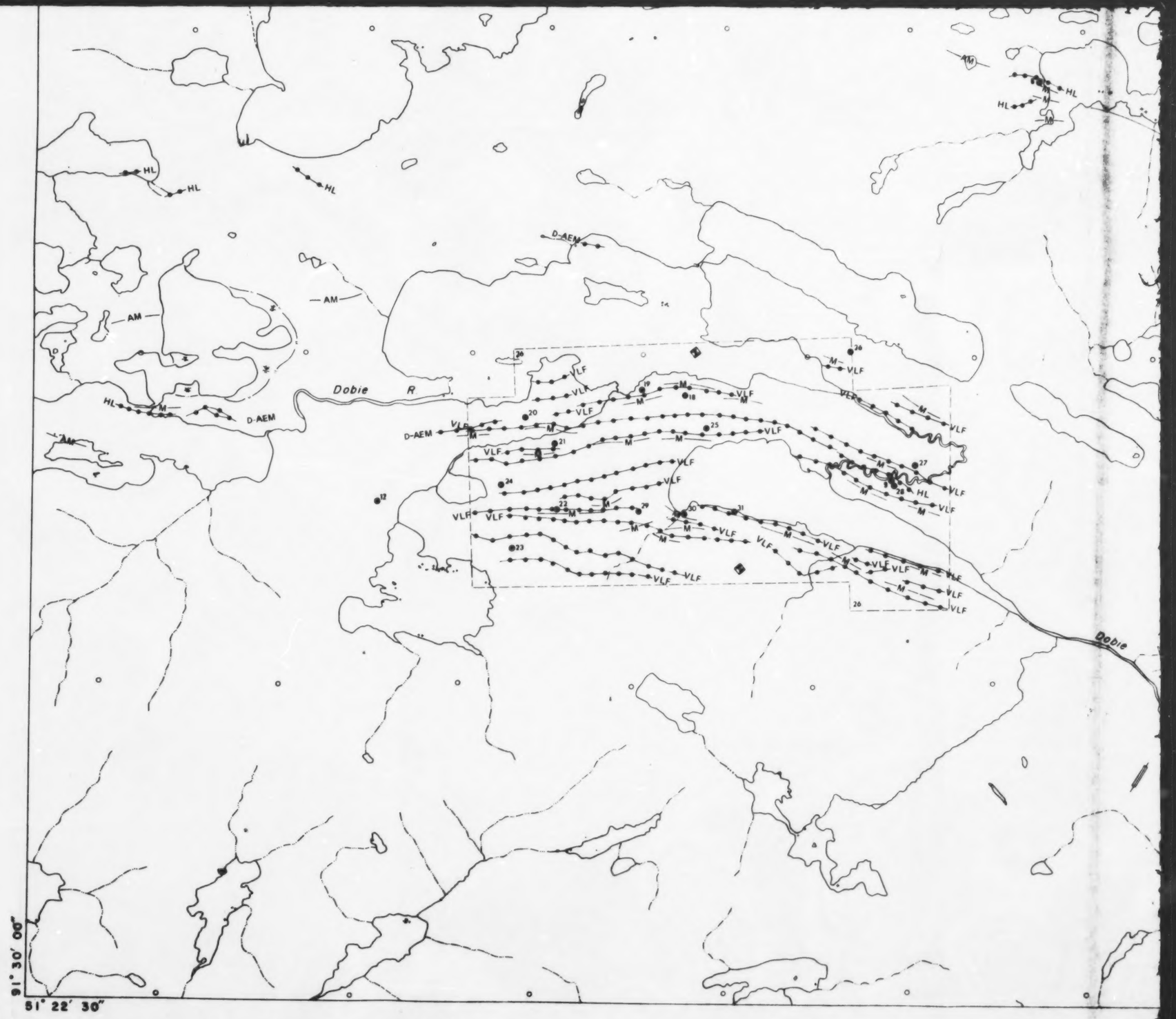
☐ Adit

☐ Open pit

☐ Rock quarry

☐ Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



Dobie R

D-AEM

AM

HL

M

VLF

Dobie River

Dorothy Lake

reference letter

- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter
- Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map, with reference number
- Reverse circulation drillhole; churn drilling, with reference number

Dobie River

Dorothy Lake

91° 15' 00"

51° 22' 30"